

## PRP Centrifuge Model: TF-1

TF-1 PRP Centrifuge is mainly applied to beauty fat purification and orthopedics. The machine can use with PRP special tube of 10ml, 20ml, 50ml. With the features of fast separation and purification, the surgery time is shortened and the survival rate of PRP maximally improved, which makes the transplant surgery simple and convenient, this machine is the prior assistant for the plastic surgeons.

### Features:

- ☆ Microprocessor control, preset: RCF, speed, time, program, with LCD synchronous display.
- ☆ Data set by touch keyboard, with RCF key.
- ☆ Direct drive by high torque brushless DC inverter motor, stable run, low noise, high accuracy of speed and rcf, maintenance-free.
- ☆ Mechanical and electrical interlock system, locked while the machine starts, ensuring safety.
- ☆ Multi-options for programs, the user can freely set the wanted data, avoiding repeated set, and improving work efficiency.
- ☆ 8 selective rates of Acc / Dec, the user can freely set the wanted rate according to the need.
- ☆ With the function of timing at set rpm; function of a short spin.
- ☆ Synchronous set rcf, speed, and with the display.
- ☆ Stainless steel centrifuge chamber, avoiding corrosion by corrosive materials.
- ☆ Auto-balance, protection of imbalance, with sound signals when occurs error or imbalance; auto-recognition of the imbalance; protection of over speed.
- ☆ Fastest speed up / down time  $\leq 28s$ .
- ☆ Suitable for common syringes of 10ml, 20ml, 50ml, and orthopedics PRP tube.
- ☆ The rotor and tube racks are able to process by autoclave sterilization.
- ☆ Produced according to national and international safety standard (e.g. IEC 61010).
- ☆ ISO9001, ISO13485, CE international standards are met.

### Technical data:

Model	TF-1		
Screen	LCD Digital Screen		
Machine Body	Plastic and metal frame		
Max. Speed	5000rpm		
Speed accuracy	$\pm 20$ rpm		
Max. RCF	4760xg		
No1: Swing Rotor	50mlx4	5000rpm	4760xg (for 50ml syringe)
No2: Swing Rotor	20mlx8	4000rpm	3040xg (for 20ml syringe)
No3: Angle Rotor	10mlx12	4500rpm	3395xg (for 10ml syringe)
Timer range	1~99min59s /continuous / short spin		
Motor	Converter motor		
Motor Power	750W		
Voltage	AC220V, 50Hz, 5A		
Noise	<60db		
Net weight.	35kg		
Gross weight	51kg		
Dimension	570×460×360mm(L×W×H)		
Package Dimension	630×530×460mm(L×W×H)		

